

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
 Data File : BF144391.D
 Acq On : 01 Dec 2025 17:13
 Operator : RC/JU
 Sample : Q3735-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-3-112625

Quant Time: Dec 02 00:08:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

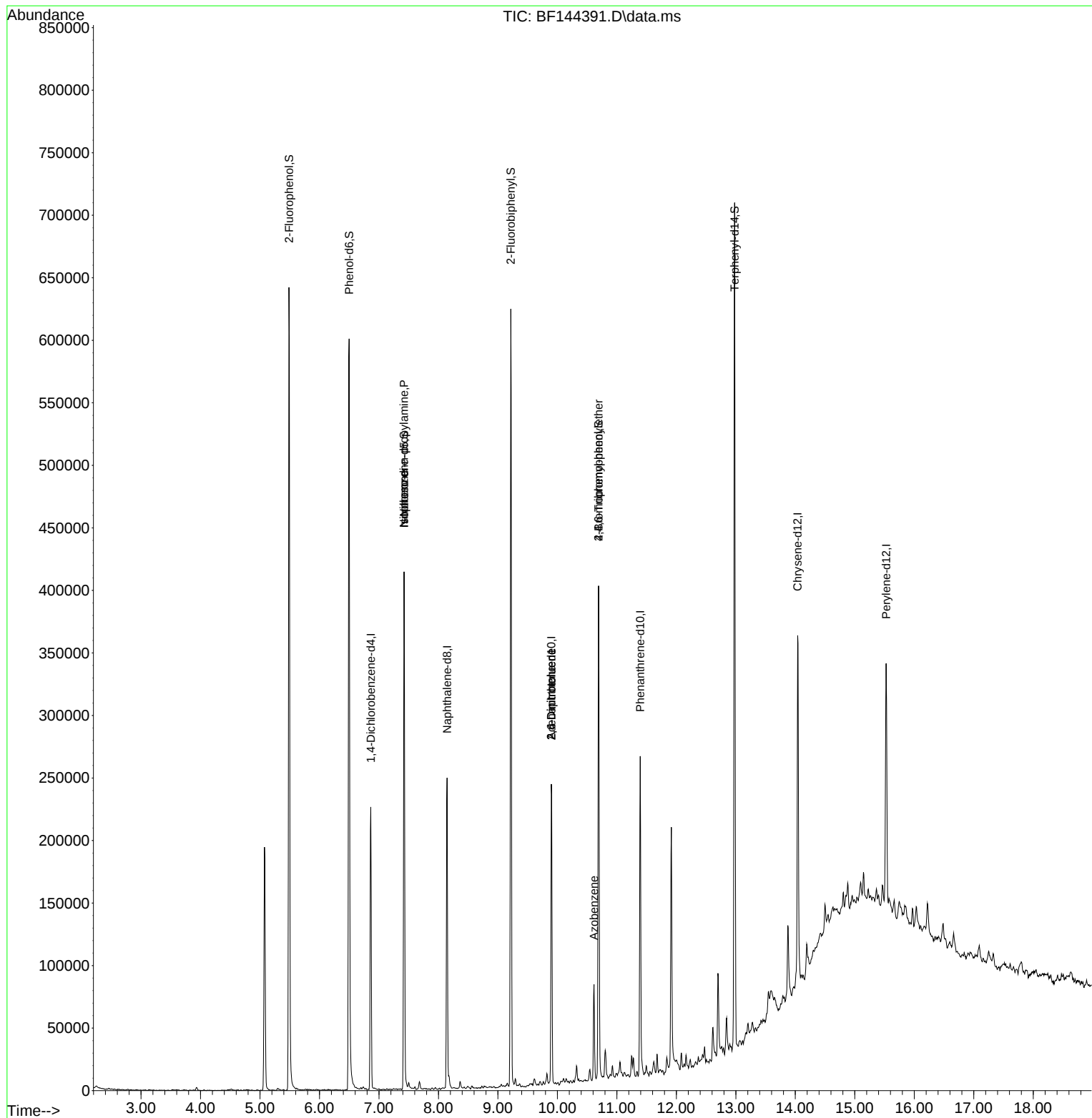
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	49705	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	164994	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	76755	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	138286	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	147700	20.000	ng	-0.01
86) Perylene-d12	15.527	264	114213	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	268463	84.521	ng	0.00
7) Phenol-d6	6.498	99	293047	81.425	ng	0.00
23) Nitrobenzene-d5	7.422	82	174959	61.243	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	80104	83.166	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	299286	57.589	ng	-0.01
79) Terphenyl-d14	12.980	244	357695	38.467	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	24395	10.297	ng	# 77
25) Isophorone	7.422	82	174956	32.377	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	10410	10.113	ng	# 27
57) 2,4-Dinitrotoluene	9.898	165	10410	7.555	ng	# 27
63) Azobenzene	10.616	77	18355	4.207	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	4195	2.377	ng	# 1

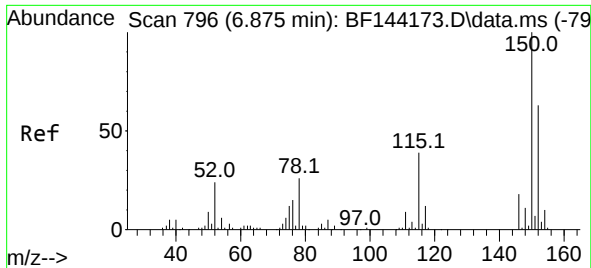
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
Data File : BF144391.D
Acq On : 01 Dec 2025 17:13
Operator : RC/JU
Sample : Q3735-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-3-112625

Quant Time: Dec 02 00:08:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

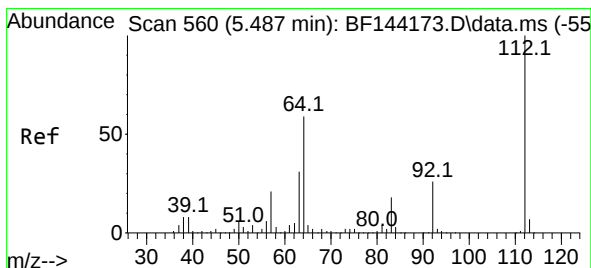
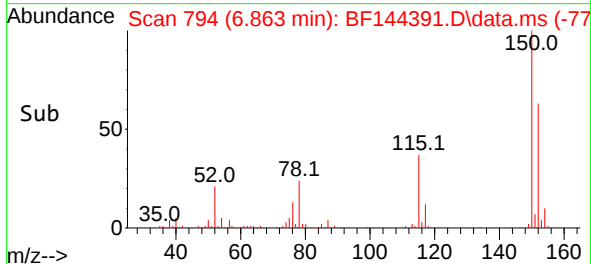
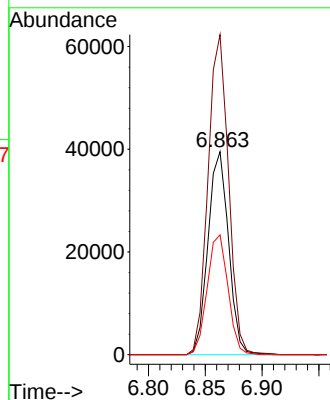
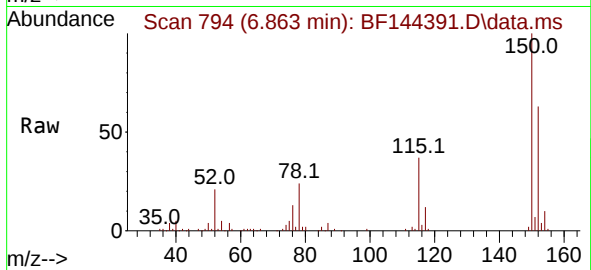




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144391.D
Acq: 01 Dec 2025 17:13

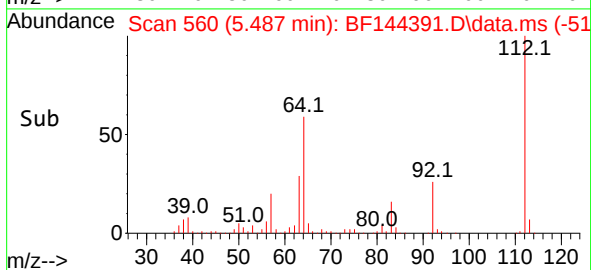
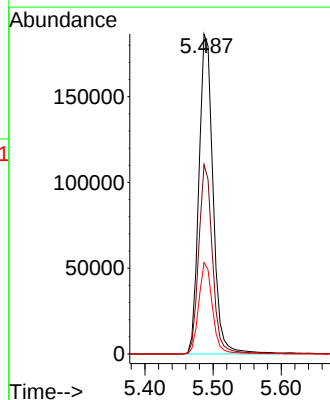
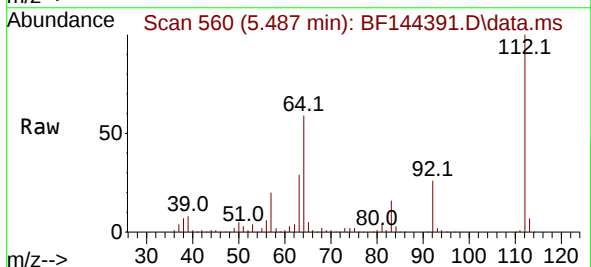
Instrument :
BNA_F
ClientSampleId :
BU-3-112625

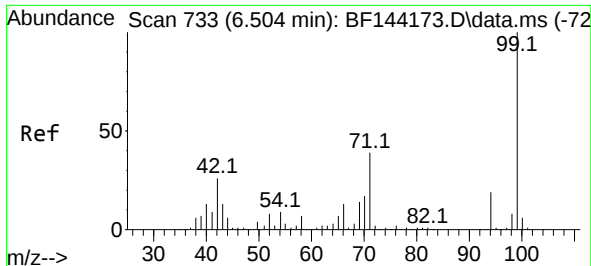
Tgt Ion:152 Resp: 49705
Ion Ratio Lower Upper
152 100
150 157.6 127.4 191.0
115 59.0 49.5 74.3



#5
2-Fluorophenol
Concen: 84.521 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144391.D
Acq: 01 Dec 2025 17:13

Tgt Ion:112 Resp: 268463
Ion Ratio Lower Upper
112 100
64 59.1 47.2 70.8
63 28.5 24.4 36.6

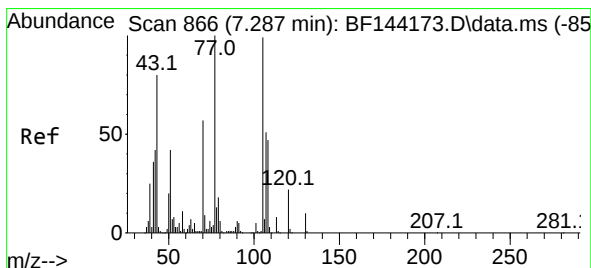
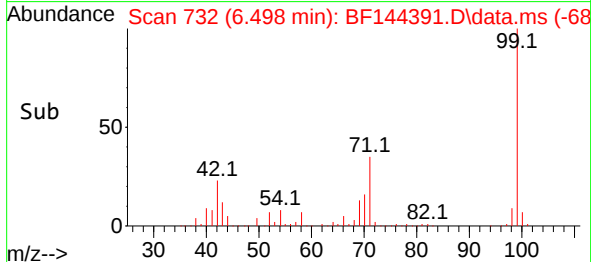
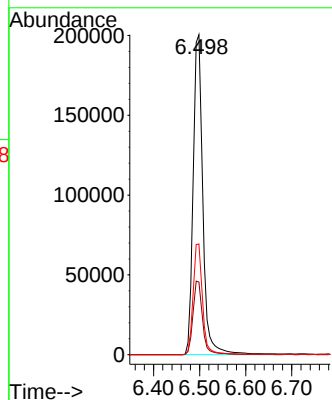
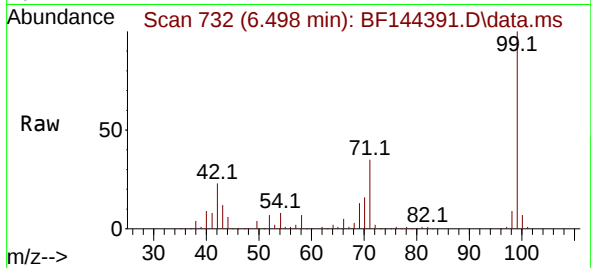




#7
Phenol-d6
Concen: 81.425 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144391.D
Acq: 01 Dec 2025 17:13

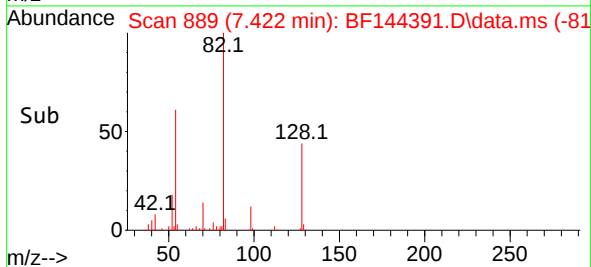
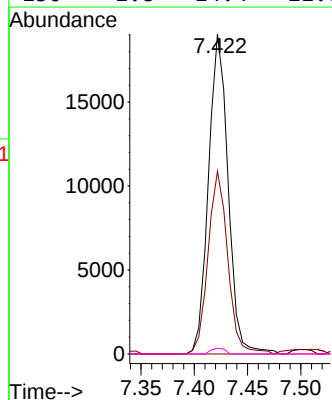
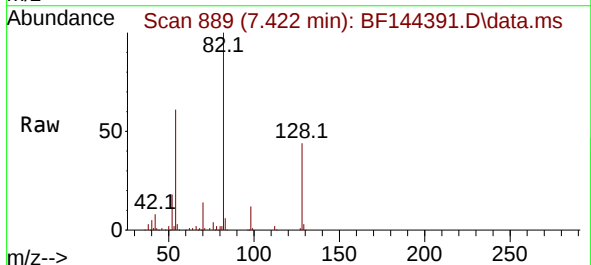
Instrument :
BNA_F
ClientSampleId :
BU-3-112625

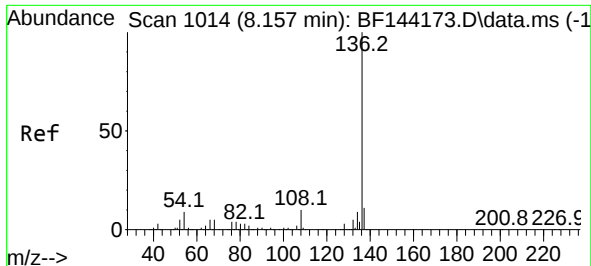
Tgt Ion: 99 Resp: 293047
Ion Ratio Lower Upper
99 100
42 22.7 20.9 31.3
71 34.6 31.4 47.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.297 ng
RT: 7.422 min Scan# 889
Delta R.T. 0.147 min
Lab File: BF144391.D
Acq: 01 Dec 2025 17:13

Tgt Ion: 70 Resp: 24395
Ion Ratio Lower Upper
70 100
42 57.1 58.3 87.5#
101 0.0 7.0 10.6#
130 1.8 14.4 21.6#



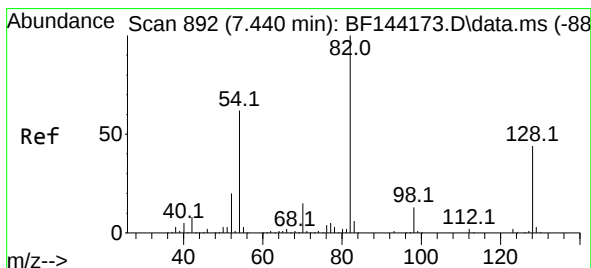
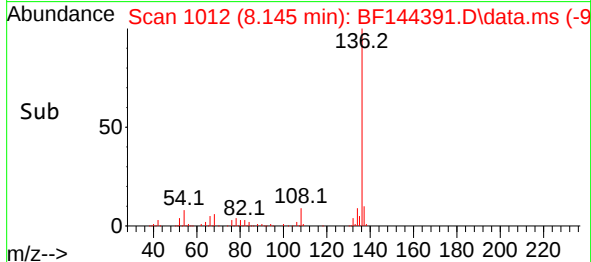
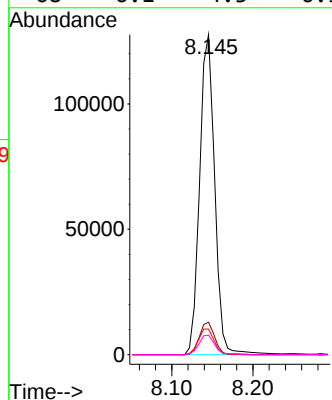
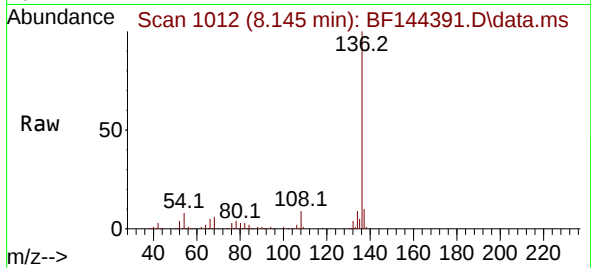


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF144391.D
Acq: 01 Dec 2025 17:13

Instrument :
BNA_F
ClientSampleId :
BU-3-112625

Tgt Ion:136 Resp: 164994

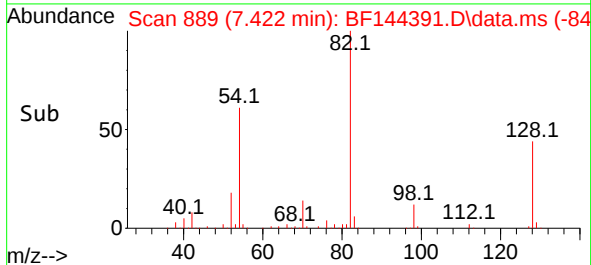
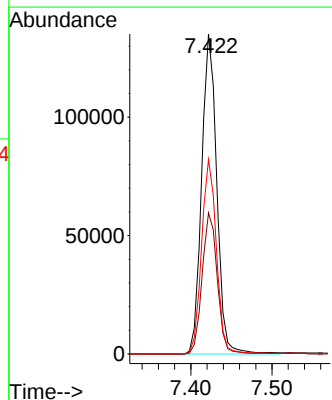
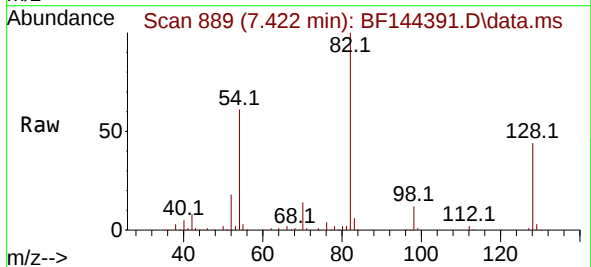
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.6	13.0
54	8.0	7.0	10.6
68	6.1	4.3	6.5

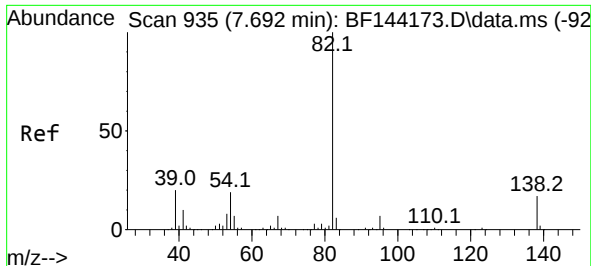


#23
Nitrobenzene-d5
Concen: 61.243 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF144391.D
Acq: 01 Dec 2025 17:13

Tgt Ion: 82 Resp: 174959

Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.7	52.1
54	60.8	49.5	74.3

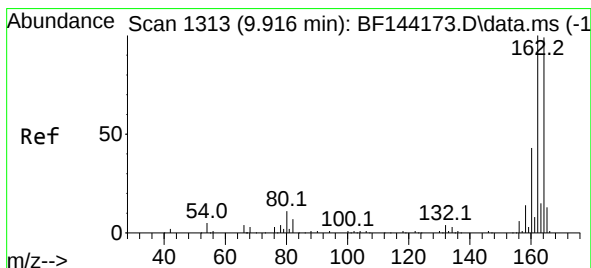
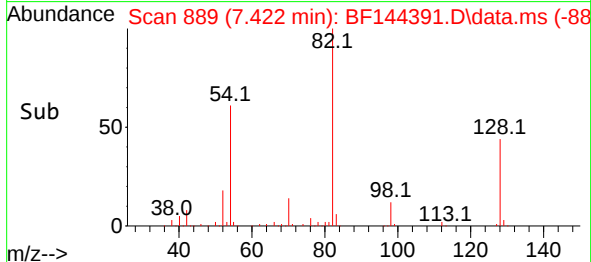
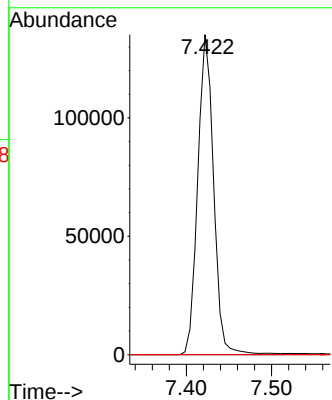
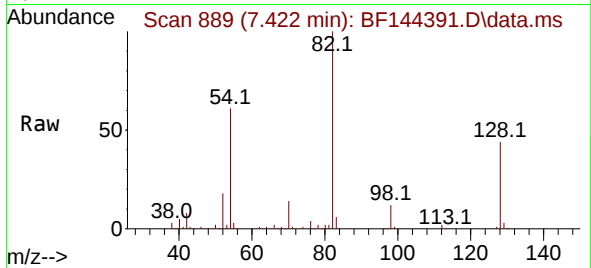




#25
Isophorone
Concen: 32.377 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF144391.D
Acq: 01 Dec 2025 17:13

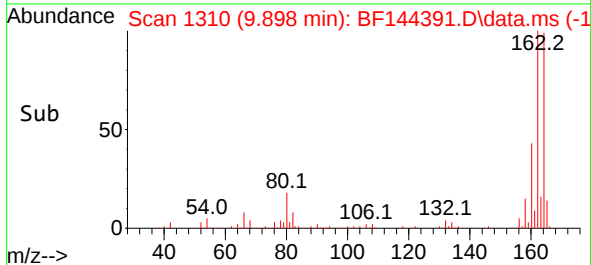
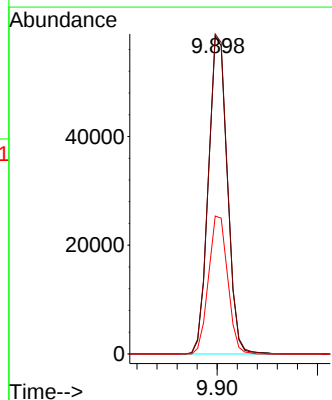
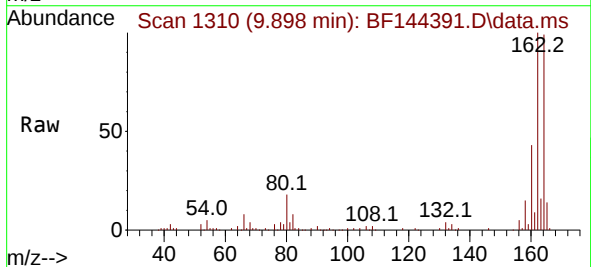
Instrument :
BNA_F
ClientSampleId :
BU-3-112625

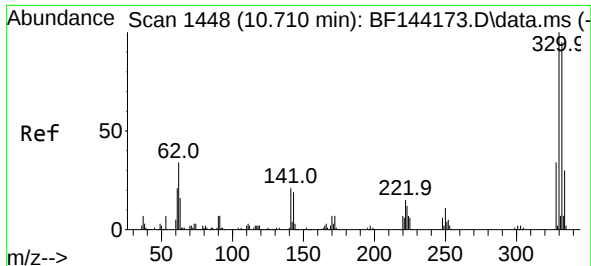
Tgt Ion: 82 Resp: 174956
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144391.D
Acq: 01 Dec 2025 17:13

Tgt Ion:164 Resp: 76755
Ion Ratio Lower Upper
164 100
162 100.6 81.1 121.7
160 43.4 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 83.166 ng

RT: 10.692 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF144391.D

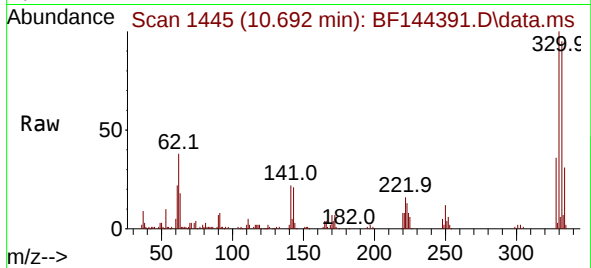
Acq: 01 Dec 2025 17:13

Instrument :

BNA_F

ClientSampleId :

BU-3-112625



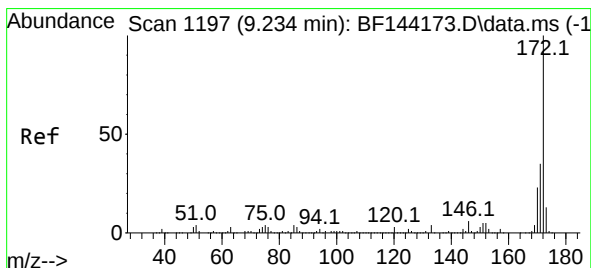
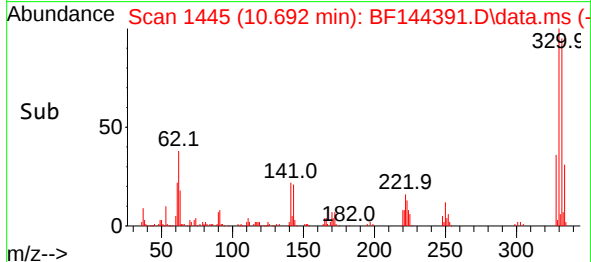
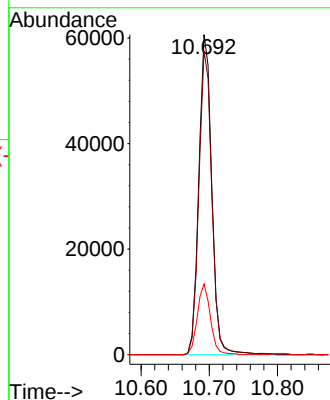
Tgt Ion:330 Resp: 80104

Ion Ratio Lower Upper

330 100

332 95.0 76.7 115.1

141 22.2 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 57.589 ng

RT: 9.216 min Scan# 1194

Delta R.T. -0.012 min

Lab File: BF144391.D

Acq: 01 Dec 2025 17:13

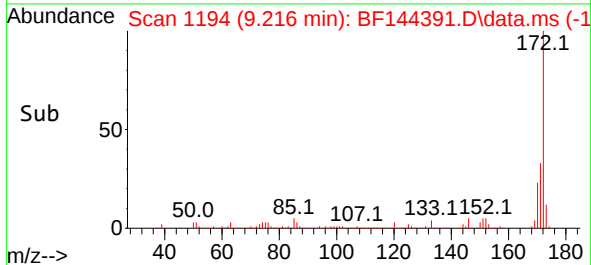
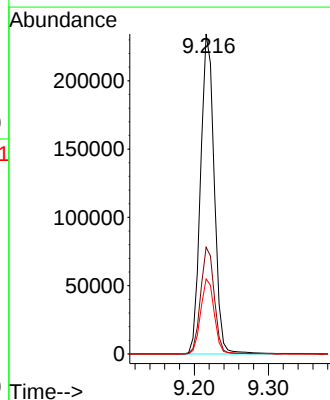
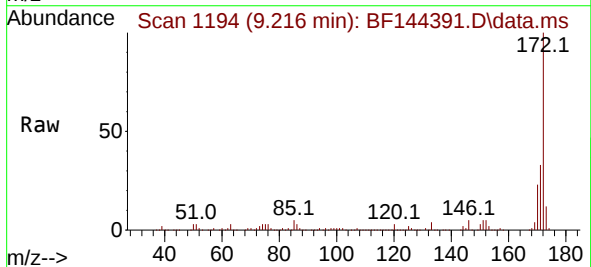
Tgt Ion:172 Resp: 299286

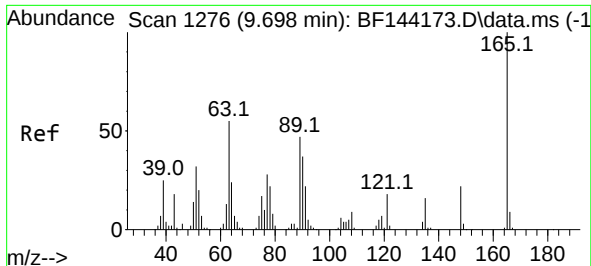
Ion Ratio Lower Upper

172 100

171 33.4 28.1 42.1

170 23.4 18.6 28.0





#51

2,6-Dinitrotoluene

Concen: 10.113 ng

RT: 9.898 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF144391.D

Acq: 01 Dec 2025 17:13

Instrument :

BNA_F

ClientSampleId :

BU-3-112625

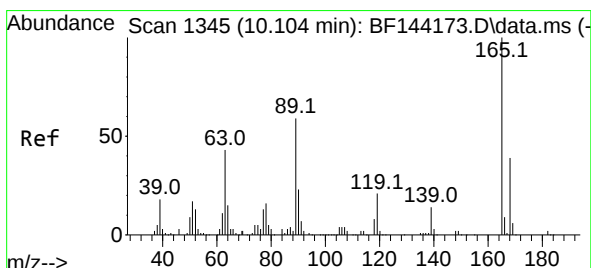
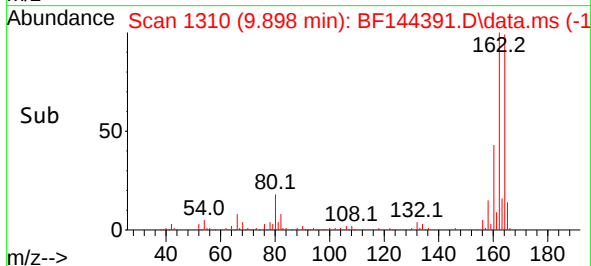
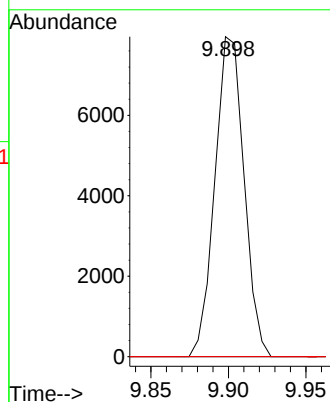
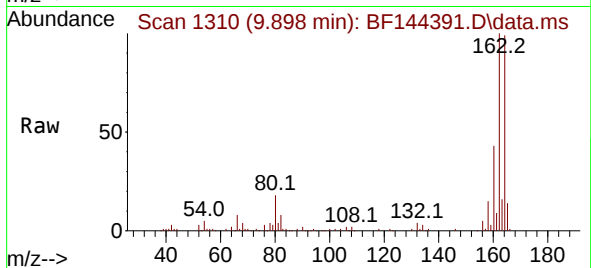
Tgt Ion:165 Resp: 10410

Ion Ratio Lower Upper

165 100

63 0.0 43.8 65.8#

89 0.0 37.5 56.3#



#57

2,4-Dinitrotoluene

Concen: 7.555 ng

RT: 9.898 min Scan# 1310

Delta R.T. -0.200 min

Lab File: BF144391.D

Acq: 01 Dec 2025 17:13

Tgt Ion:165 Resp: 10410

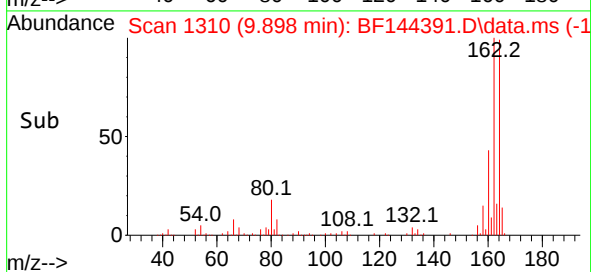
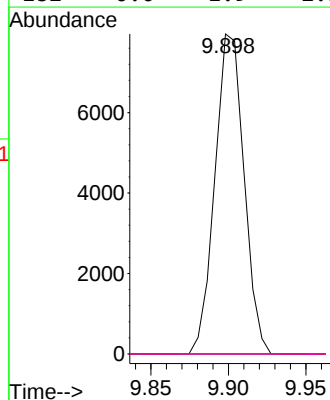
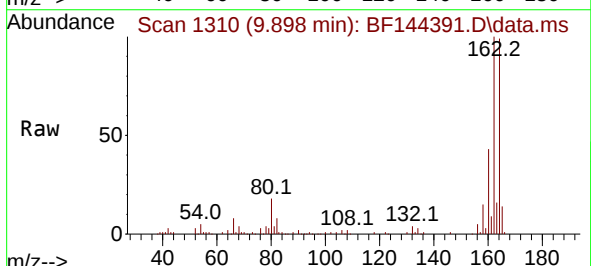
Ion Ratio Lower Upper

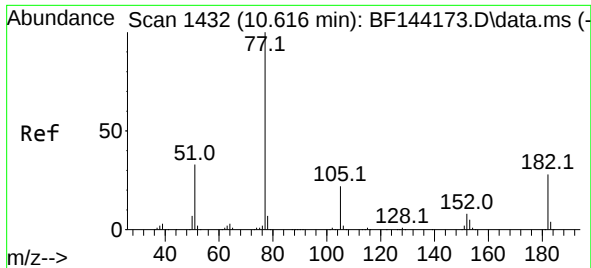
165 100

63 0.0 35.5 53.3#

89 0.0 47.4 71.2#

182 0.0 1.9 2.9#

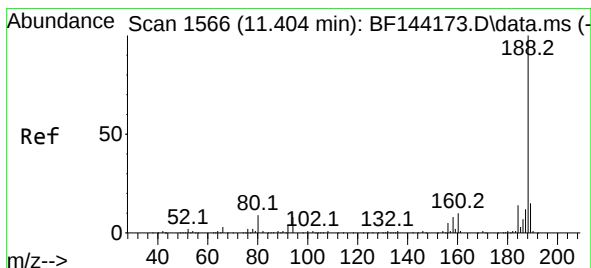
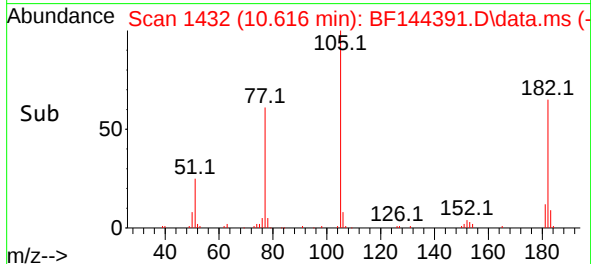
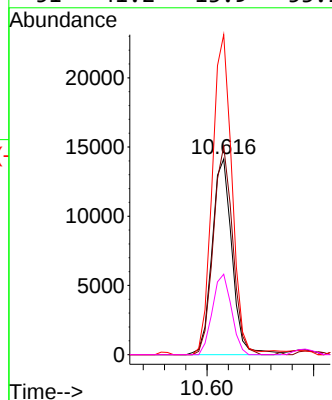
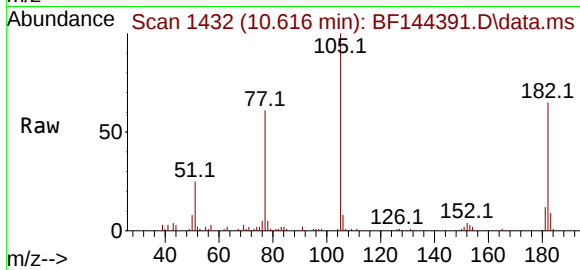




#63
Azobenzene
Concen: 4.207 ng
RT: 10.616 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF144391.D
Acq: 01 Dec 2025 17:13

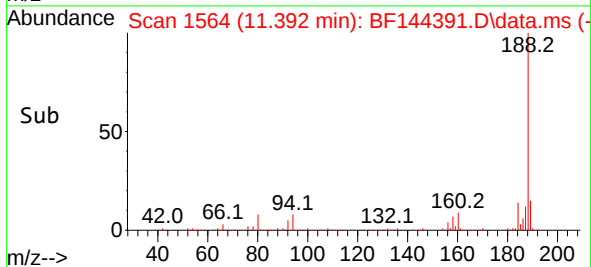
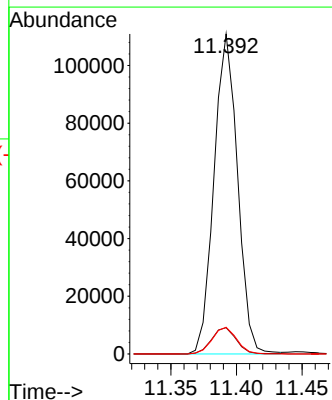
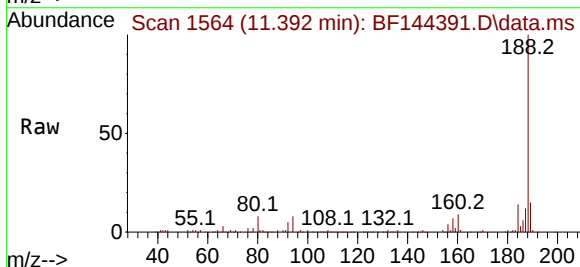
Instrument :
BNA_F
ClientSampleId :
BU-3-112625

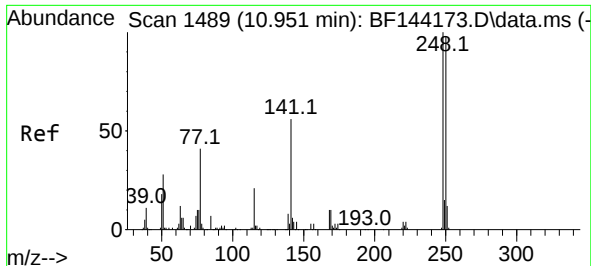
Tgt Ion: 77 Resp: 18355
Ion Ratio Lower Upper
77 100
182 106.5 8.1 48.1#
105 163.5 2.0 42.0#
51 41.2 13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BF144391.D
Acq: 01 Dec 2025 17:13

Tgt Ion:188 Resp: 138286
Ion Ratio Lower Upper
188 100
94 8.2 6.2 9.2
80 8.4 6.9 10.3

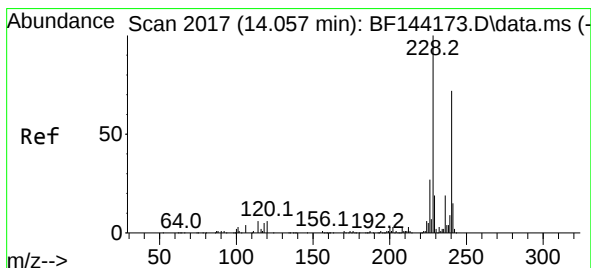
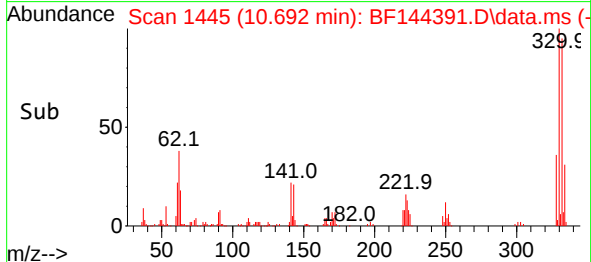
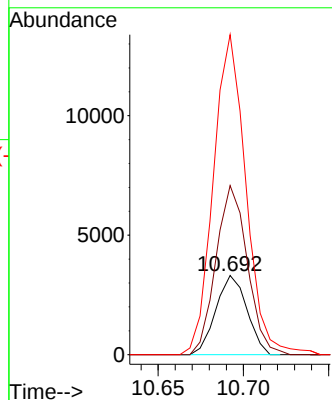
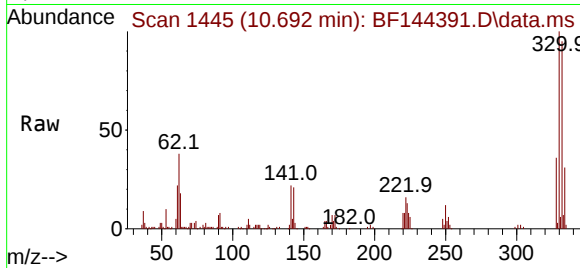




#67
4-Bromophenyl-phenylether
Concen: 2.377 ng
RT: 10.692 min Scan# 1489
Delta R.T. -0.253 min
Lab File: BF144391.D
Acq: 01 Dec 2025 17:13

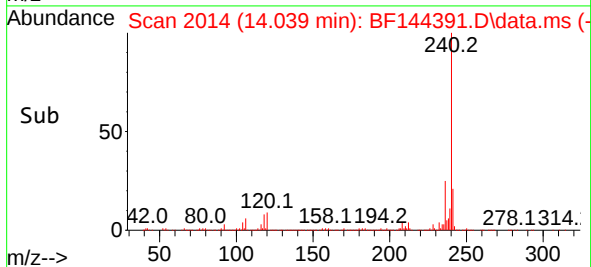
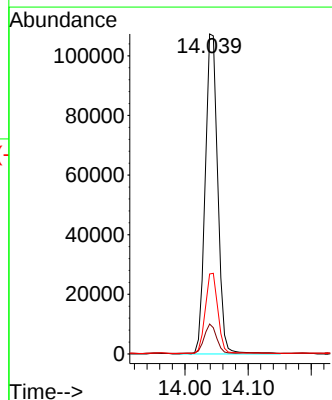
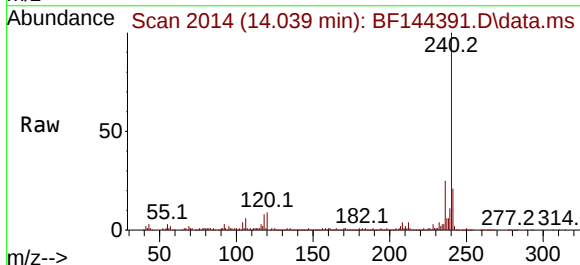
Instrument :
BNA_F
ClientSampleId :
BU-3-112625

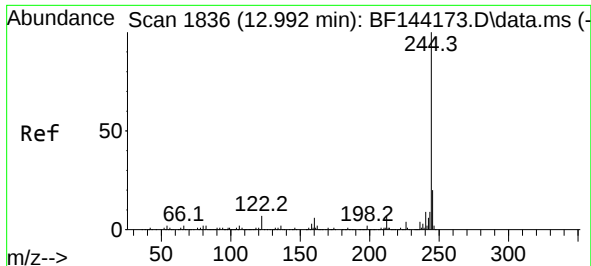
Tgt Ion:248 Resp: 4195
Ion Ratio Lower Upper
248 100
250 213.6 78.4 117.6#
141 404.3 45.1 67.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144391.D
Acq: 01 Dec 2025 17:13

Tgt Ion:240 Resp: 147700
Ion Ratio Lower Upper
240 100
120 9.4 6.6 10.0
236 25.0 21.4 32.2

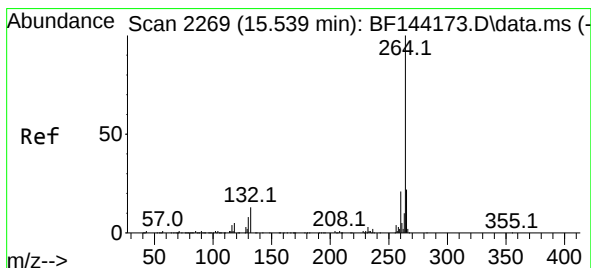
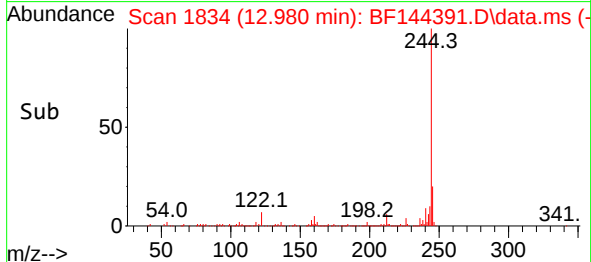
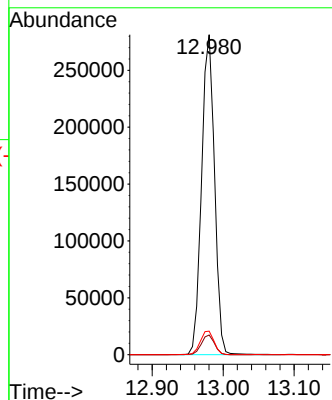
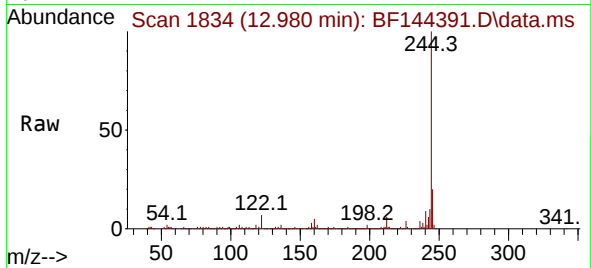




#79
 Terphenyl-d14
 Concen: 38.467 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144391.D
 Acq: 01 Dec 2025 17:13

Instrument :
 BNA_F
 ClientSampleId :
 BU-3-112625

Tgt Ion:244 Resp: 357695
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.3 7.9
 122 7.4 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2267
 Delta R.T. -0.012 min
 Lab File: BF144391.D
 Acq: 01 Dec 2025 17:13

Tgt Ion:264 Resp: 114213
 Ion Ratio Lower Upper
 264 100
 260 22.1 17.1 25.7
 265 22.1 17.4 26.0

